ADDRESS REPLY TO
DIRECTOR
(NOT TO INDIVIDUALS)

U. S. ARMY ENGINEER DIVISION, NORTH PACIFIC
CORPS OF ENGINEERS
NORTH PACIFIC DIVISION MATERIALS LABORATORY
RT. 2, BOX 12A
TROUTDALE, OREGON 97060

NPDEN-GS-L (81-S-816) 18 February 1981

SUBJECT: Report of Soil Tests, River/Coastal Sediment Analysis, Coquille River

District Engineer, Portland
ATTN: NPPND-WM-1

1. Please refer to your DA Form 2544 Order No. E86810024 dated 20 October 1980 covering transmittal of samples to this laboratory on 05 Feb 80.

2. Attached, completing all tests to date, are the following:

a. One ENG Form 2087, Gradation Curves.

b. One Summary Sheets of Density Data

Incl (dupe)
as

James Paxton
JAMES PAXTON
Director

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U.S. ARMY ENGINEER DIVISION, NORTH PACIFIC
CORPS OF ENGINEERS
NORTH PACIFIC DIVISION MATERIALS LABORATORY
RT. 2, BOX 12A
TROUTDALE, OREGON 97060

ATTN: NPPEN-PL-AP-PP

22 September 1982

W.O. 82-H-224

Subject: Report of Chemical Analyses on a Sample of Coquille River Sediment (Rogge Mill)

Project: Coquille River
Intended Use: -
Source of Material: Coquille River (Rogge Mill)

Submitted by: NPPEN-PL-AE (Pam Moore)
Date Sampled: - Date Received: 27 Aug 82
Method of Test or Specification: EPA Chemistry Laboratory Manual Bottom Sediments, Standard Methods for the Examination of Water & Wastewater, 15th Edition.
Reference:

DA Form 2544 Order No. E86820187 dated 27 Aug 82.

Following are results of analyses on a sample of Coquille River sediment.

Analysis	Result, ppm*	Guidelines
Arsenic	0.052	3-8
Cadmium	0.050	6
Copper	0.130	25
Iron	336.	17,000
Lead	0.667	40
Manganese	7.020	300
Mercury	0.0165	1
Zinc	0.612	90
Total phenolics	0.80	100
Aromatic hydrocarbons	ND	
Formaldehyde	ND	

* Parts per million, are equivalent to milligrams per kilogram of dry sediment for this report.

JAMES PAXTON
Director

NPDEN-GS-L (82-SH-224)

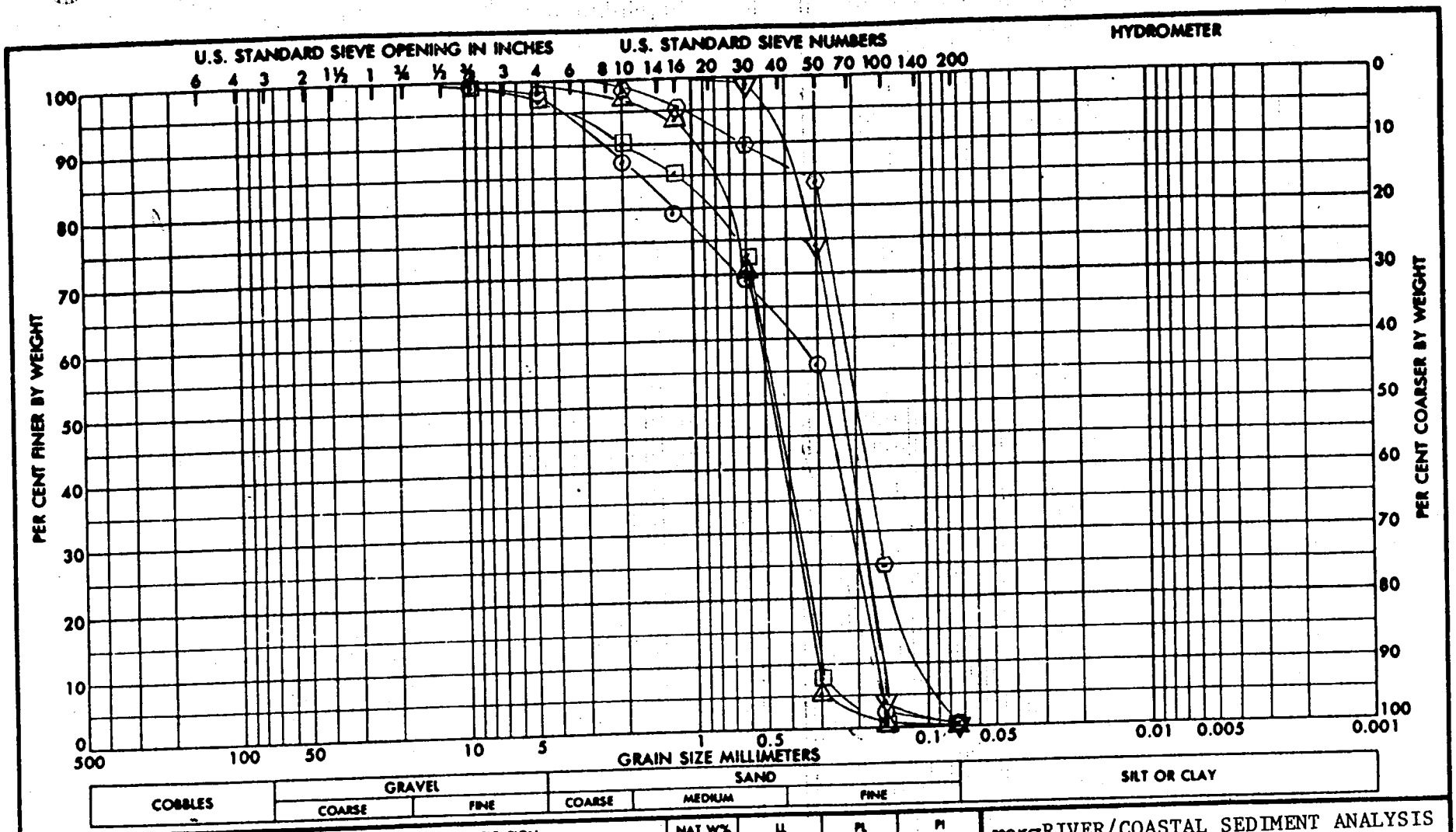
RIVER/COASTAL SEDIMENT ANALYSIS

16 SEP 1982

Coquille River

Sample Identification	Specific Gravity of Water *	Density of Matl. in place gms/liter	Density of Median Solids gms/liter	Void Ratio	% Volatile Solids	Roundness Grade
1	1.000	2174	2660	0.414	0.77	Subangular to subround
2	1.000	2140	2680	0.474	0.64	Subangular to subround
3	1.000	2090	2670	0.531	0.48	Subangular to subround
4	1.000	2041	2670	0.605	0.80	Subangular to subround
Rogge Mill	1.000	1822	2660	1.020	3.47	Subangular to subround
6	1.000	1920	2680	0.826	1.00	Subangular to subround
7	1.000	1901	2680	0.865	1.14	Subangular to subround

* Distilled Water Used



	SAMPLE NO.	ELEV OR DEPTH	CLASSIFICATION	NAT W%	LL	PL	PI
⊙	RM 00 + 00		SAND (SP)				
△	RM 1.0	Moore Lumber Dock	SAND (SP)				
□	RM 1.2		SAND (SP)				
▽	1000' West	of Lighthouse	SAND (SP)				
⊙	1000' East	of Lighthouse	SAND (SP)				

GRADATION CURVES

NPD

PROJECT RIVER/COASTAL SEDIMENT ANALYSIS

AREA Coquille River

BORING NO.

DATE 18 Feb 81 (81-S-816)

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ENG FORM 2087 REPLACES WES FORM NO. 1241, SEP 1962, WHICH IS OBSOLETE.